WALMART AMP EXPANSION

ROGERS, ARKANSAS



LINEWORK

EASEMENT

SYMBOLS

	FOUND IRON PIN
<u>,</u>	LIGHT POLE
	POWER POLE
	TELEPHONE PEDESTAL
]	TV PEDESTAL
)	MANHOLE
	SANITARY SEWER CLEANOUT
	GAS METER
\triangleleft	GAS VALVE
	STORM SEWER PIPE
	DOWN GUY
1	WATER VALVE
)—	FIRE HYDRANT ASSEMBLY
	AIR RELEASE VALVE

ELECTRIC PEDESTAL

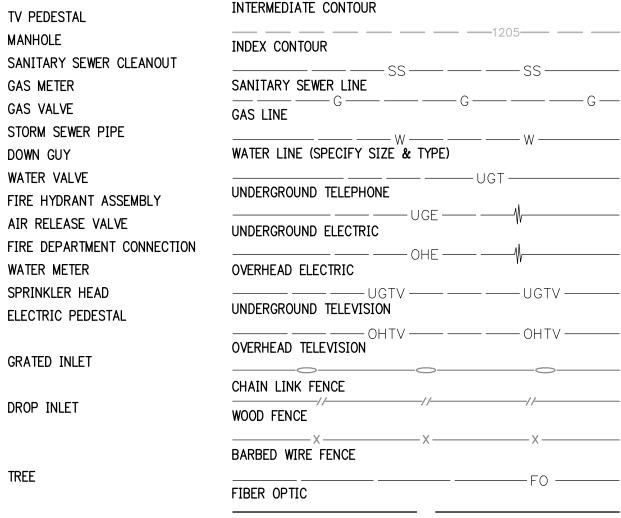
WATER METER

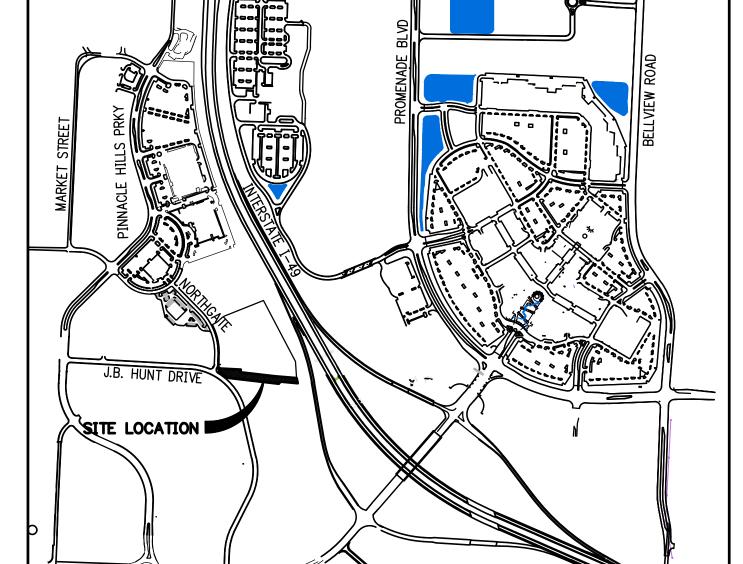
GRATED INLET

SPRINKLER HEAD



TREE TO BE REMOVED









BASIS OF BEARING: ARKANSAS STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83 HORIZONTAL DATUM AND NGVD 29 VERTICAL DATUM DETERMINED BY GPS OBSERVATION ON THE CITY OF ROGERS CONTROL MONUMENTS USING THEIR PUBLISHED VALUES.

🚱 LEGEND (CONSTRUCT)

<u>SYMBOLS</u>

SET IRON PIN LIGHT POLE POWER POLE TELEPHONE PEDESTAL TV PEDESTAL MANHOLE SANITARY SEWER CLEANOUT GAS METER GAS VALVE STORM SEWER PIPE

STRUCTURE NUMBER

AIR RELEASE VALVE

FIRE HYDRANT ASSEMBLY

BACK FLOW PREVENTER

RECTANGULAR DROP INLET,

GRATED INLET OR JUNCTION

BOX (SPECIFY ON PLAN

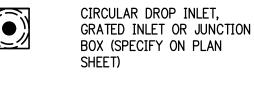
FIRE DEPARTMENT CONNECTION

WATER VALVE

WATER METER

REDUCER

SHEET)



LINEWORK

WOOD FENCE

ALUMINUM FENCE

RIGHT OF WAY

PROPERTY LINE

ROAD CENTERLINE

BUILDING SET BACK

RIGHT OF WAY

ROAD CENTERLINE

CURB			
		—1206—	
INTERMEDIATE CONTOUR		1005	
INDEX CONTOUR		—1205 —	
	-ss-		
SANITARY SEWER LINE	•		
GAS LINE	– G —		
	- w —		
WATER LINE ————————————————————————————————————	HGT -		
UNDERGROUND TELEPHONE			
UGE —			-₩
UNDERGROUND ELECTRIC OHE ONE			_4
OVERHEAD ELECTRIC			
	-FO -		
FIBER OPTIC			
	JGTV		
			— онту —
OVERHEAD TELEVISION			
——————————————————————————————————————	-0-		
OHAM LIM I LIME			//

____ X _____ X ____

COVER SHEET; GENERAL NOTES

- 1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO, SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE ONLY FOR COORDINATION OF THE WALL LOCATION AND ELEVATIONS.
- 2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS IS BASED ON A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. CRAFTON TULL ASSUMES NO RESPONSIBILITY REGARDING THE ACCURACY OF THE DEPICTED LOCATION(S) OF THE UNDERGROUND FACILITIES ON THESE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ANY OTHER FACILITIES NOT SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION OF ALL FACILITIES BEFORE BEGINNING WORK.
- 3. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN OR NEAR THE CONSTRUCTION SITE.
- 4. THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF CRAFTON, TULL & ASSOCIATES, INC. AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CRAFTON, TULL & ASSOCIATES, INC.
- 5. CONTRACTOR SHALL NOT CAUSE ANY LONG-TERM INCONVENIENCE TO THE PUBLIC, ADJACENT PROPERTY OWNERS, PEDESTRIANS, ETC. DURING CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- 6. CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION IF A DISCREPANCY OR INCONSISTENCY IS IDENTIFIED IN THE PLANS OR SPECIFICATIONS.
- 7. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT WHICH ARE NECESSARY TO CONFORM TO OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- CRAFTON TULL & ASSOCIATES, INC. (CTA) HAS NOT BEEN RETAINED BY THE OWNER FOR CONSTRUCTION ADMINISTRATION OR OBSERVATION SERVICES FOR THE WORK INDICATED ON THESE DRAWINGS. THEREFORE, CTA HEREBY NOTIFIES ALL PARTIES INVOLVED THAT CRAFTON, TULL & ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR THE INTERPRETATION, COORDINATION, OR ADMINISTRATION OF THESE DOCUMENTS AND/OR DEVIATIONS THEREOF. FURTHERMORE, CRAFTON, TULL & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR ANY EFFECTS THAT ANY CHANGES TO THESE DOCUMENTS MAY HAVE ON ANY RELATED TRADES, CONSTRUCTION SEQUENCES, OR OPERATION OF THE COMPLETED PROJECT EXCEPT AS SPECIFICALLY NOTED IN THE AGREEMENT BETWEEN CRAFTON, TULL & ASSOCIATES AND THE OWNER.

UTILITY COMPANIES

ROGERS WATER UTILITIES 601 S. 2ND ST. ROGERS, AR 72756

PHONE: (479)621-1142

SANITARY SEWER ROGERS WATER UTILITIES 601 S. 2ND ST.

ROGERS, AR 72756 PHONE: (479)621-1142

CARROLL ELECTRIC CO-OP 707 S.E. WALTON BLVD. BENTONVILLE, AR PHONE: (479)273-2421

SOUTHWESTERN BELL PHONE: (479)549-0000

<u>TELEPHONE</u>

SOURCEGAS 1-800-563-0012

> **CABLE TELEVISION** COX COMMUNICATIONS PHONE: (888) 438-6673

PROJECT INFORMATION

OWNER/DEVELOPER: WALTON ARTS CENTER 495 W DICKSION STREET FAYETTEVILLE, AR 72701

(479) 443-5600 5079 W NORTHGATE ROAD ADDRESS: ROGERS, AR 72758

SITE ENGINEER: CRAFTON, TULL & ASSOCIATES, INC. MATT CRAFTON, P.E. 901 N. 47TH ST. SUITE 200 ROGERS, AR 72756 (479) 636-4838

ARCHITECT: CORE ARCHITECTS, INC. 1800 S. OSAGE SPRINGS DRIVE, SUITE 100 ROGERS, AR 72758

ZONING: C-2 **BUILDING USAGE:** SUPPOR1

Arkansas One Call



Know what's **below**

Telephone Numbers for concerned parties: Rogers Planning Authority Office (479)621-1186 Rogers Fire Department (479)621-1179 Rogers Inspection Department (479)621-1100 Rogers City Clerk's Office for Business License (479)621-1117 Benton County Health Department (479)271-1055 Arkansas State Plumbing Inspection Division (479)661-2000

REVIEW AND APPROVAL BY: PLANNING COMMISSION WATER AND SEWER DEPARTMENT STREET DEPARTMENT FIRE DEPARTMENT POLICE DEPARTMENT INSPECTION DEPARTMENT

GAS COMPANY TELEPHONE COMPANY T.V. CABLE COMPANY STATE HIGHWAY DEPARTMENT

AIRPORT MANAGER

ELECTRIC COMPANY

ACCEPTANCE: APPROVED AND RECOMMENDED FOR ACCEPTANCE BY THE CITY OF ROGERS, ARKANSAS, PLANNING COMMISSION THIS_____ DAY

Sheet List Table

NUMBER	SHEET TITLE
C-001	COVER SHEET
C-002	PROJECT CONTROL SHEET
C-101	SITE PLAN
C-102	GRADING PLAN
C-103	UTILITY PLAN
C-104	EROSION CONTROL PHASE 1
C-105	EROSION CONTROL PHASE 2
C-201	STORM SEWER P&P SHT. 1
C-501	EROSION CONTROL DETAILS SHT 1
C-502	EROSION CONTROL DETAILS SHT 2
C-503	STANDARD DETAILS SHT 1
C-504	STANDARD DETAILS SHT 2
C-505	RWU WATER DETAILS 1 OF 2
C-506	RWU WATER DETAILS 2 OF 2
C-507	RWU SEWER DETAILS

PROPERTY DESCRIPTION

LEGAL DESCRIPTION (LOT 9B):

LOT 9B OF PINNACLE HEIGHTS SUBDIVISION AS SHOWN ON A LOT SPLIT PLAT OF LOT 9 AS RECORDED AT PLAT RECORD BOOK 2016. PAGE 53 IN THE RECORDS OF THE CIRCUIT CLERK FOR BENTON COUNTY, ARKANSAS, BEING A PART OF THE NORTH PORTION OF LOT 9 OF PINNACLE HEIGHTS SUBDIVISION, CITY OF ROGERS, PER TRACT SPLIT PLAT OF LOT 2 OF PINNACLE HEIGHTS SUBDIVISION AS RECORDED IN PLAT RECORD BOOK 2014, PAGE 518 AND BEING MORE PARTICULARLY DESCRIBED AS

BEGINNING AT A FOUND 1 % INCH AHTD BRASS CAP MONUMENT AT THE NORTHEAST CORNER OF SAID LOT 9 AS SHOWN ON PLAT RECORD BOOK 2014 AT PAGE 518: THENCE ALONG THE FAST SIDE OF SAID LOT 9 S12°49'37" A DISTANCE OF 46.30 FEET TO THE NORTHEAST CORNER OF LOT 1 OF PINNACLE HEIGHTS SUBDIVISION; THENCE N84°08'05"W A DISTANCE OF 132.51 FEET; THENCE 40.88 FEET ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 35.00 FEET, AND A LONG CHORD THAT BEARS S62°22'07"W A DISTANCE OF 38.59 FEET: THENCE N83°23'29"W A DISTANCE OF 444.51 FEET TO THE EAST RIGHT OF WAY FOR J.B. HUNT DRIVE; THENCE 83.13 FEET ALONG SAID RIGHT OF WAY ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 536.00 FEET, AND A LONG CHORD THAT BEARS N53°21'07"W A DISTANCE OF 83.05 FEET TO THE EAST RIGHT OF WAY FOR NORTHGATE ROAD; THENCE ALONG SAID EAST RIGHT OF WAY THE FOLLOWING TWO (2) COURSES:

- 1. ALONG A CURVE TO THE RIGHT A DISTANCE OF 20.73 FEET HAVING A RADIUS OF 20.00 FEET, AND A LONG CHORD THAT BEARS N28°05'45"W A DISTANCE OF
- 2. NO1°36'13"E A DISTANCE OF 14.47 FEET TO THE NORTHWEST CORNER OF SAID THENCE LEAVING SAID EAST RIGHT OF WAY AND ALONG THE NORTH LINE OF SAID LOT 9 THE FOLLOWING FOUR (4) COURSES:
- 1. S86°53'23"E A DISTANCE OF 189.57 FEET;
- 2. S02°31'33"W A DISTANCE OF 24.03 FEET; S83°23'29"E A DISTANCE OF 300.61 FEET;
- 4. S85°36'38"E A DISTANCE OF 186.55 FEET TO THE POINT OF BEGINNING, CONTAINING 0.91 ACRES, MORE OR LESS, SUBJECT TO ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR FACT.

THIS PROPERTY IS NOT IN FLOOD ZONE "A" OR "AE", AND IS OUTSIDE THE 100-YEAR FLOOD PLAIN AS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM'S FIRM PANEL NUMBER 05007C0270 K, EFFECTIVE DATE JUNE 5, 2012.

THE ABOVE STATEMENT IS FOR INFORMATION ONLY AND THIS SURVEYOR ASSUMES NO LIABILITY FOR THE CORRECTNESS OF THE CITED MAP(S). IN ADDITION, NO INDEPENDENT STUDY OF THE LIKELIHOOD OF FLOODING OF THE SURVEYED PROPERTY HAS BEEN DONE BY THE SURVEYOR AND NO OPINION OF FLOOD HAZARDS IS INCLUDED IN THIS SURVEY. THE FLOOD HAZARD ZONE BOUNDARIES SHOWN HEREON WERE SCALED FROM THE MAPS CITED AND ARE NOT THE RESULT OF INDEPENDENT COMPUTATION OR ANALYSIS.



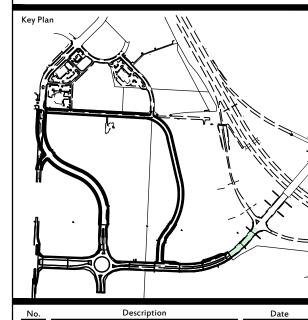
CRAFTON TULL CANNOT CERTIFY THE SITE AS COMPLETE IN ORDER TO OBTAIN THE CERTIFICATE OF OCCUPANCY UNTIL ALL DISTURBED AREAS RELATED TO THE CONSTRUCTION OF THE PROJECT, BOTH ONSITE AND OFFSITE, HAVE BEEN STABILIZED PER THE PLANS AND SPECIFICATIONS AND ALL REQUIREMENTS SPELLED OUT IN PERMITS ISSUED BY THE STATE AND LOCAL AUTHORITIES HAVE BEEN MET.



Rogers, Arkansas 72756

WALMART AMP EXPANSION

ROGERS, ARKANSAS



No.	Description	Dat

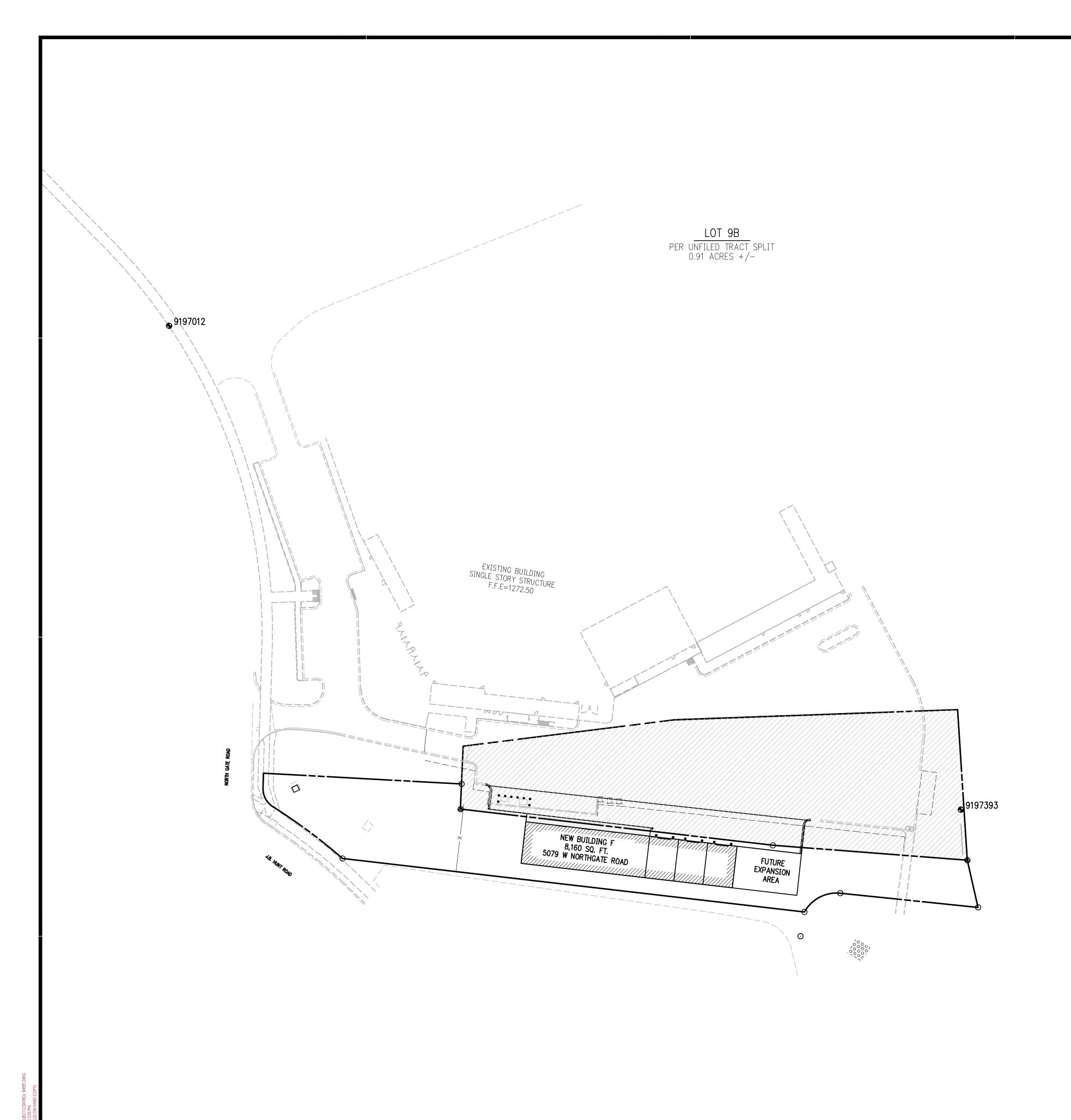
This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 15109800 ISSUE DATE: 01/22/2016 CONTACT: M. CRAFTON **PRELIMINARY**

PLANS

DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT © 2016 Crafton, Tull & Associates, Inc

COVER SHEET





<u>SYMBOLS</u>

FOUND IRON PIN

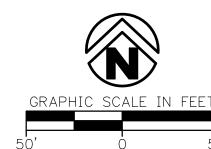
LINEWORK

LEGEND (CONSTRUCT)

<u>LINEWORK</u>

EASEMENT

PROPERTY LINE



BASIS OF BEARING: ARKANSAS STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83 HORIZONTAL DATUM AND NGVD 29 VERTICAL DATUM DETERMINED BY GPS OBSERVATION ON THE CITY OF ROGERS CONTROL MONUMENTS USING THEIR PUBLISHED VALUES.

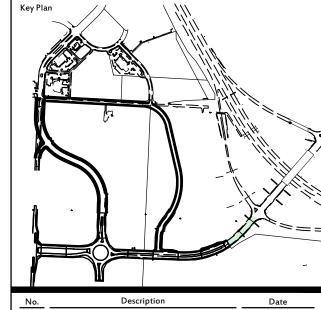
		CONTROL F	POINT TABL	E
POINT #	DINT # NORTHING EASTING			DESCRIPTION
9197012	97012 724269.38 6684		1290.22	CTA PRIMARY CONTROL
9197393	723806.83	669233.46	1269.55	CTA PRIMARY CONTROL

NOTE: ONLY THE CONTROL POINTS, COORDINATE VALUES, AND ELEVATIONS SHOWN ON THIS SHEET SHALL BE USED ON THIS PROJECT. CRAFTON, TULL & ASSOCIATES SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES OF USING CONTROL POINTS, COORDINATE VALUES OR ELEVATIONS ESTABLISHED OR DERIVED FROM OTHER SOURCES. CRAFTON, TULL & ASSOCIATES, AT ITS SOLE DISCRETION, MAY ALLOW THE USE OF ALTERNATIVE OR ADDITIONAL CONTROL, BY A WRITTEN AMENDMENT TO THIS SHEET SEALED BY THE RESPONSIBLE SURVEYOR. USERS OF THESE CONTROL POINTS SHALL EXERCISE DUE CARE AND GOOD SURVEYING PRACTICE AND IMMEDIATELY NOTIFY THE CRAFTON, TULL & ASSOCIATES PROJECT ENGINEER OF ANY INCONSISTENCIES IN THE OBSERVED COORDINATE VALUES, ELEVATIONS AND DESCRIPTIONS FOR CONTROL POINTS SHOWN ON THIS SHEET.





WALMART AMP EXPANSION ROGERS, ARKANSAS



Description	Date	

l —	

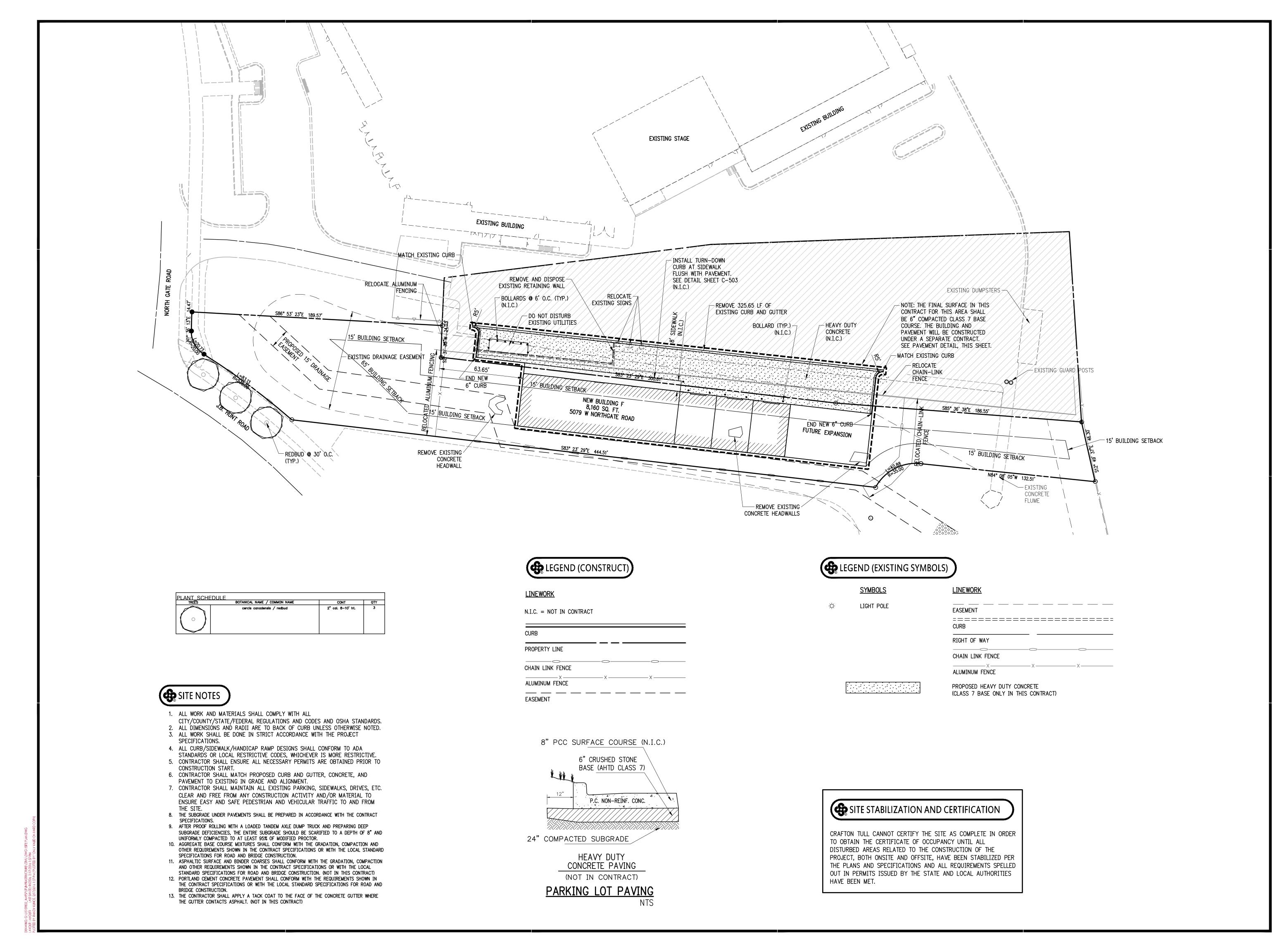
This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 15109800 ISSUE DATE: 01/22/2016 CONTACT: M. CRAFTON

© 2016 Crafton, Tull & Associates, Inc.

DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT PRELIMINARY A FINAL, SIGNED AND SEALED **PLANS DOCUMENT**

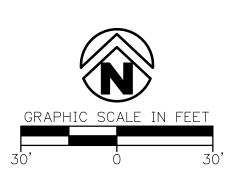
PROJECT CONTROL SHEET



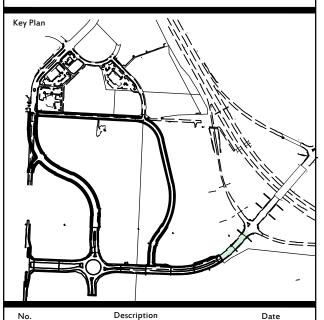
901 N. 47th St., Suite 200 Rogers, Arkansas 72756 479.636.4838 † 479.631.6224 f www.craftontull.com

CERTIFICATE OF AUTHORIZATION:

CRAFTON, TULL & ASSOCIATES, INC. No. 109



WALMART AMP EXPANSION ROGERS, ARKANSAS



No.	Description	Date

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written

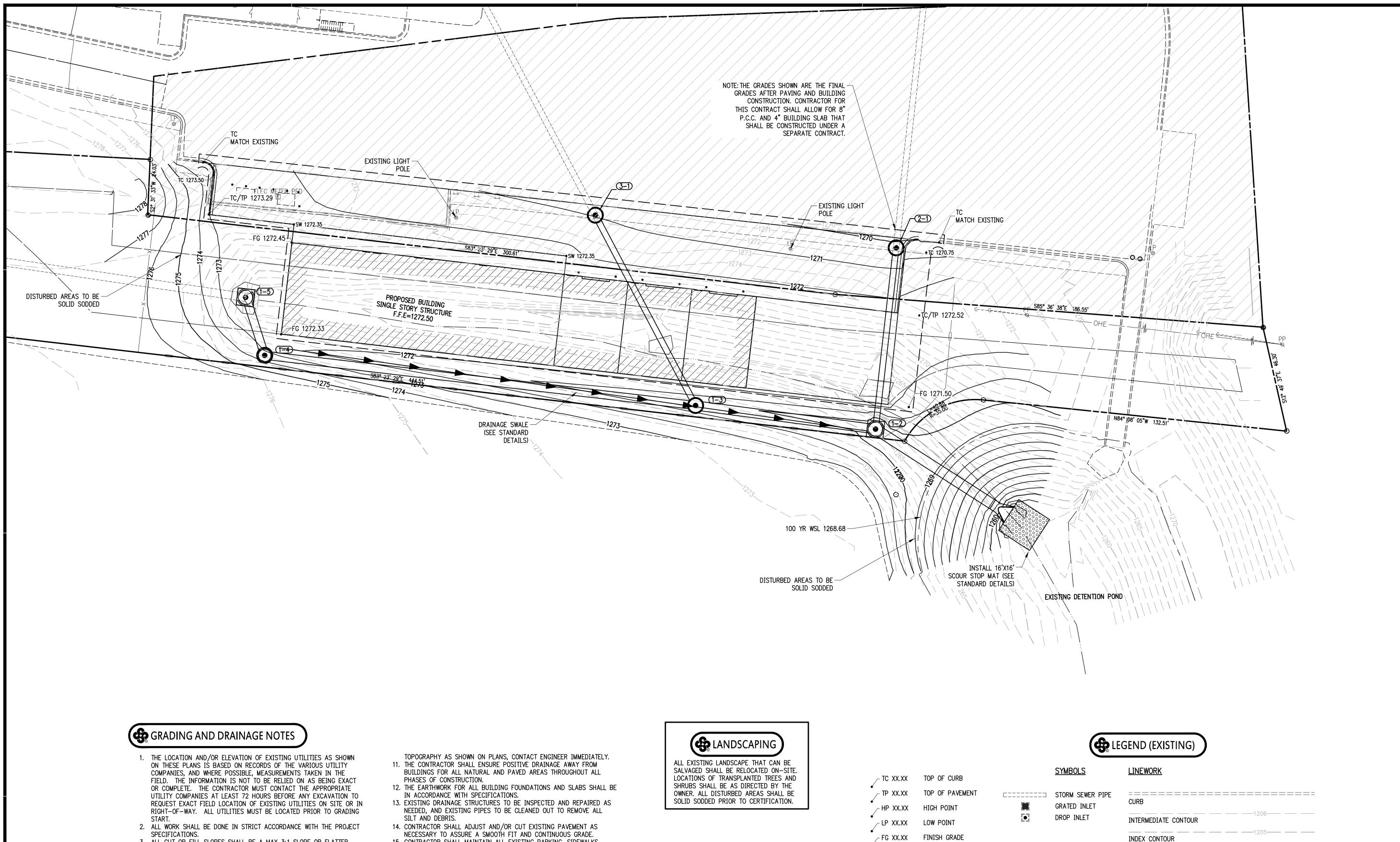
PROJECT NO: 15109800 CONTACT: M. CRAFTON

PRELIMINARY PLANS

authorization of Crafton, Tull & Associates, Inc.

DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT © 2016 Crafton, Tull & Associates, Inc.

SITE PLAN



- 3. ALL CUT OR FILL SLOPES SHALL BE A MAX 3:1 SLOPE OR FLATTER UNLESS OTHERWISE NOTED.
- 4. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITION OR BETTER.
- 5. ALL STORM SEWER PIPE CONNECTIONS TO STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT. ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED
- MORTAR INVERT FROM INVERT IN TO INVERT OUT. 6. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY
- WHEN IN PAVED AND TRAFFIC AREAS. 7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH THE PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1" ABOVE FINISH GRADE. LIDS SHALL BE LABELED PER JURISDICTIONAL SPECIFICATIONS.
- 8. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NPDES PERMIT AND THE SWPPP FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- 9. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL TO FINAL GRADE. 10. TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY

LAND SURVEYORS. IF CONTRACTOR DOES NOT ACCEPT EXISTING

- 15. CONTRACTOR SHALL MAINTAIN ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY
- AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE. 16. IF WET AREAS ARE ENCOUNTERED ON-SITE THE CONTRACTOR SHALL COORDINATE WITH A GEOTECHNICAL ENGINEER FOR THE DESIGN AND REPLACEMENT OF A FRENCH DRAIN SYSTEM.

_ SW XX.XX SIDEWALK

SITE STABILIZATION AND CERTIFICATION

CRAFTON TULL CANNOT CERTIFY THE SITE AS COMPLETE IN ORDER TO OBTAIN THE CERTIFICATE OF OCCUPANCY UNTIL ALL DISTURBED AREAS RELATED TO THE CONSTRUCTION OF THE PROJECT, BOTH ONSITE AND OFFSITE, HAVE BEEN STABILIZED PER THE PLANS AND SPECIFICATIONS AND ALL REQUIREMENTS SPELLED OUT IN PERMITS ISSUED BY THE STATE AND LOCAL AUTHORITIES HAVE BEEN MET.

(LEGEND (PROPOSED)

<u>LINEWORK</u>

STORM SEWER PIPE X-XSTRUCTURE NUMBER DROP INLET

<u>SYMBOLS</u>

INTERMEDIATE CONTOUR INDEX CONTOUR PROPERTY LINE

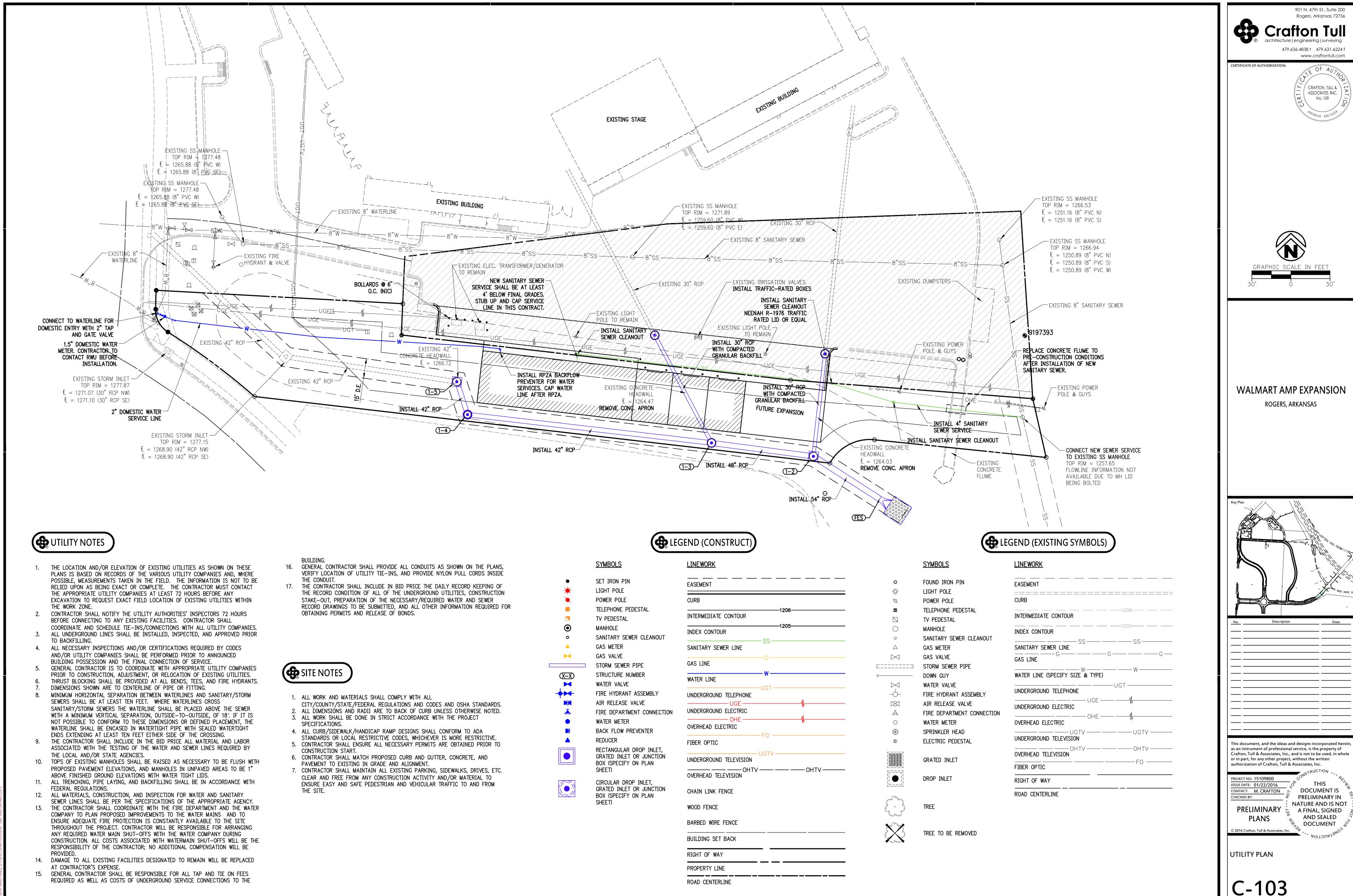
SCOUR STOP (OR EQUAL)

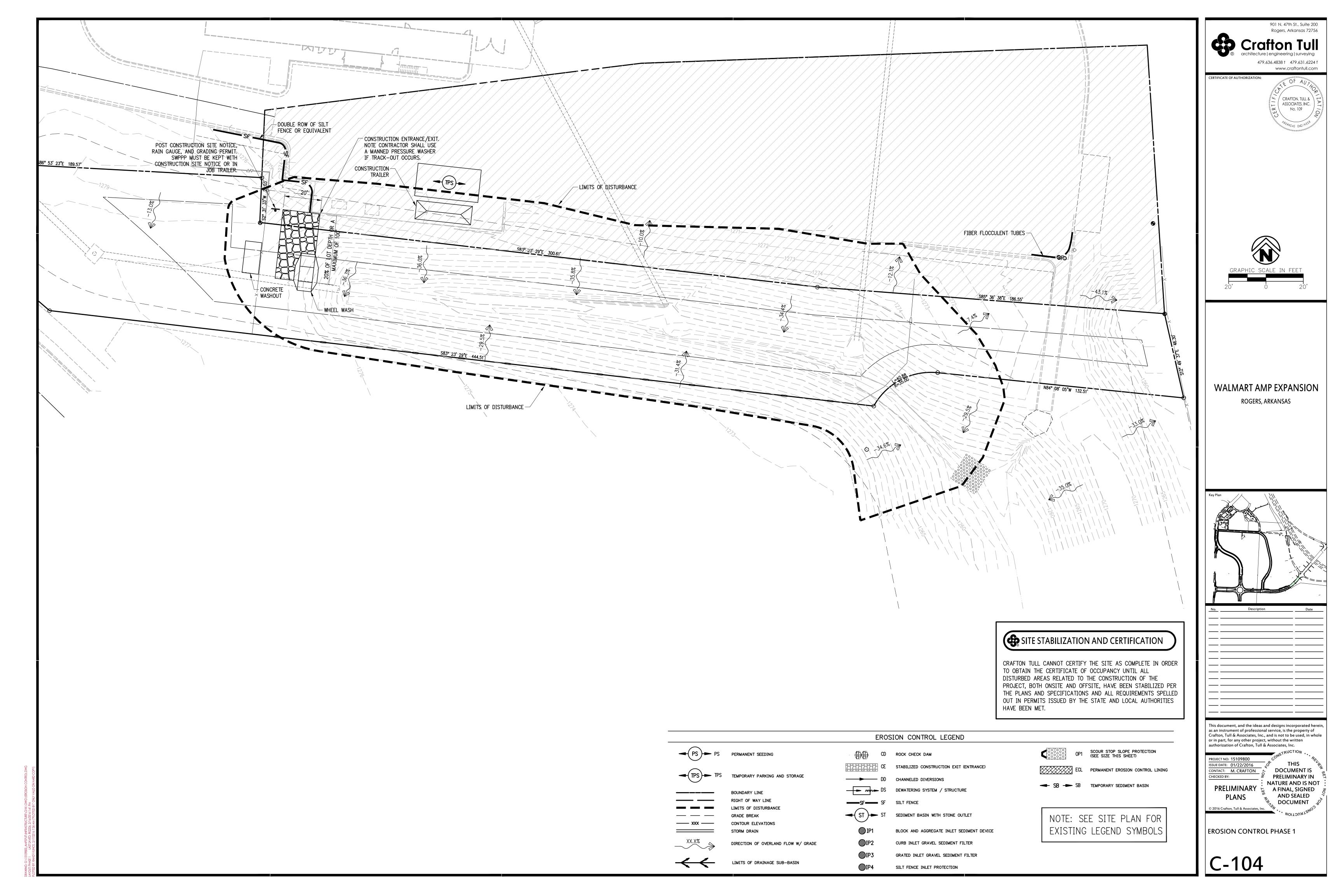
901 N. 47th St., Suite 200 Rogers, Arkansas 72756 479.636.4838 † 479.631.6224 f www.craftontull.com CRAFTON, TULL & ASSOCIATES, INC. No. 109 WALMART AMP EXPANSION ROGERS, ARKANSAS This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc. PROJECT NO: 15109800 ISSUE DATE: 01/22/2016 CONTACT: M. CRAFTON **DOCUMENT IS** PRELIMINARY IN NATURE AND IS NOT PRELIMINARY LA FINAL, SIGNED AND SEALED PLANS

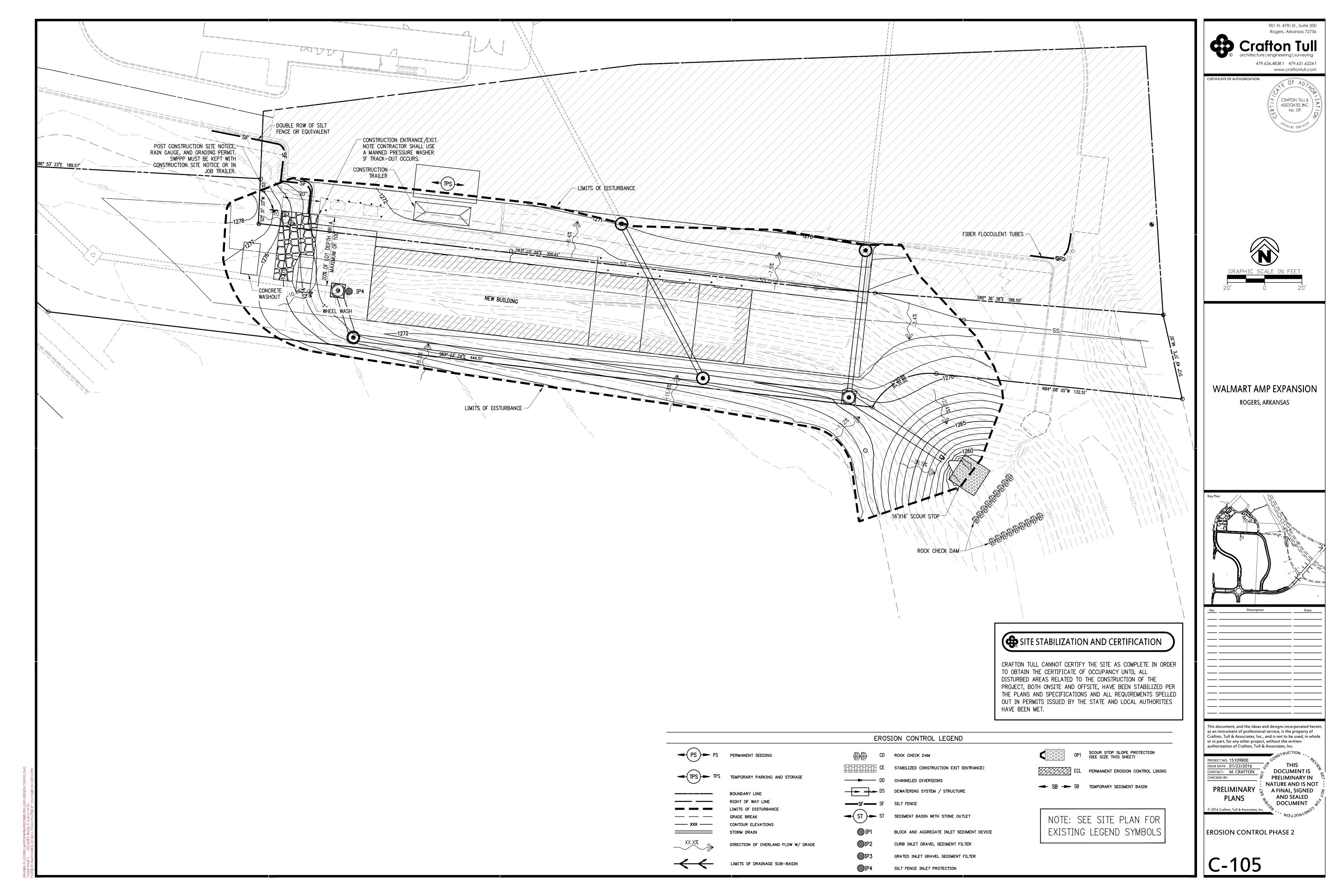
GRADING PLAN C-102

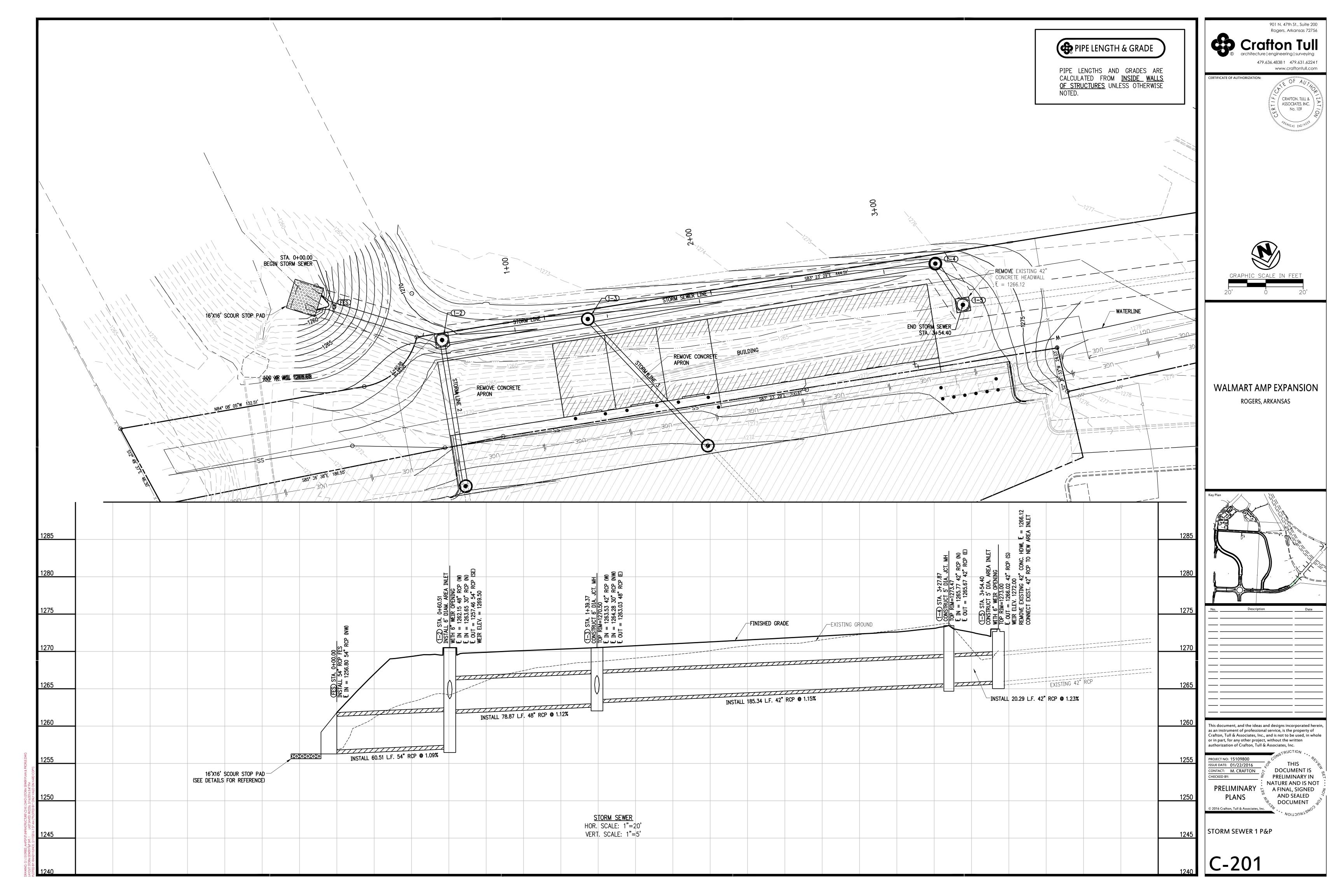
© 2016 Crafton, Tull & Associates, Inc.

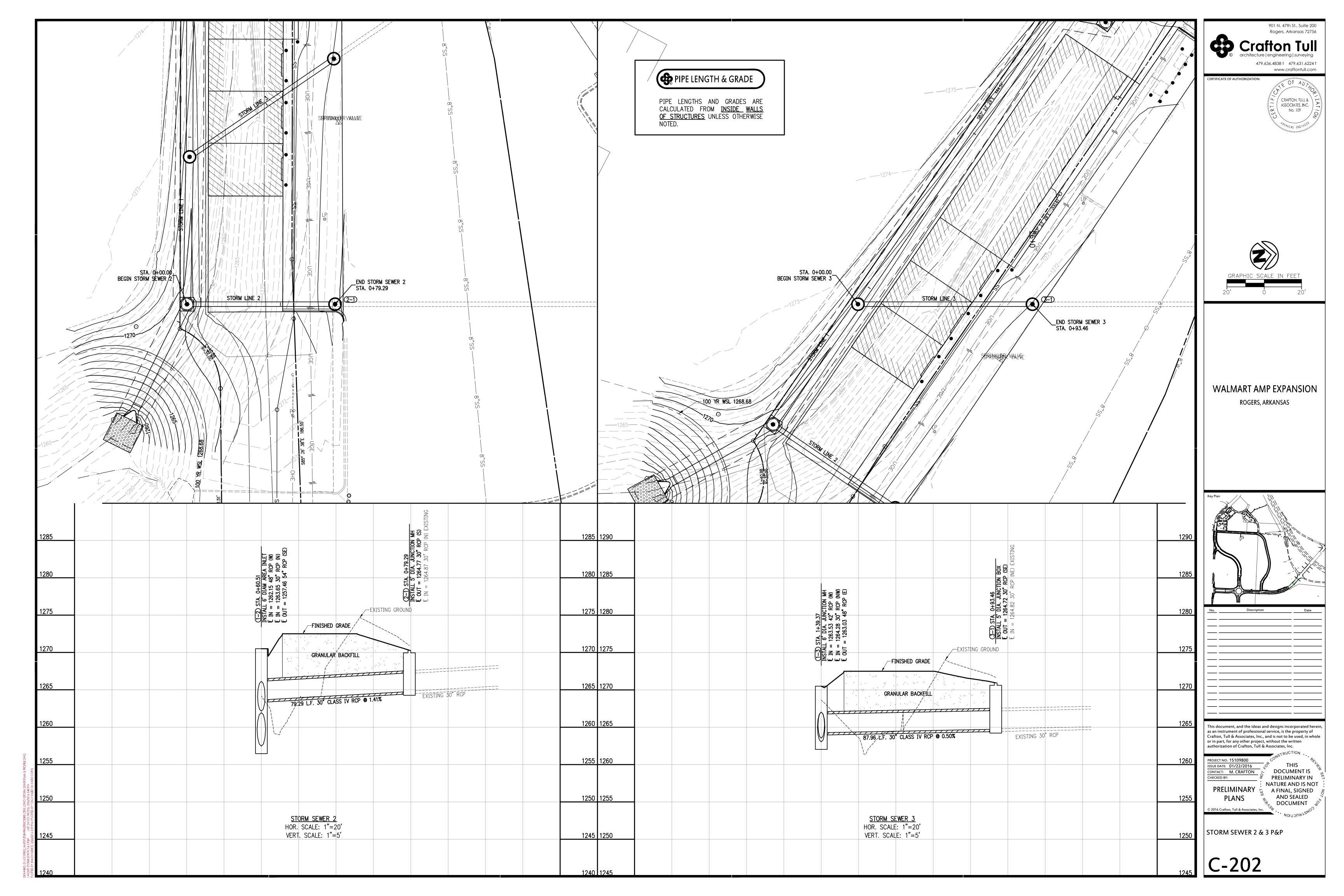
DOCUMENT

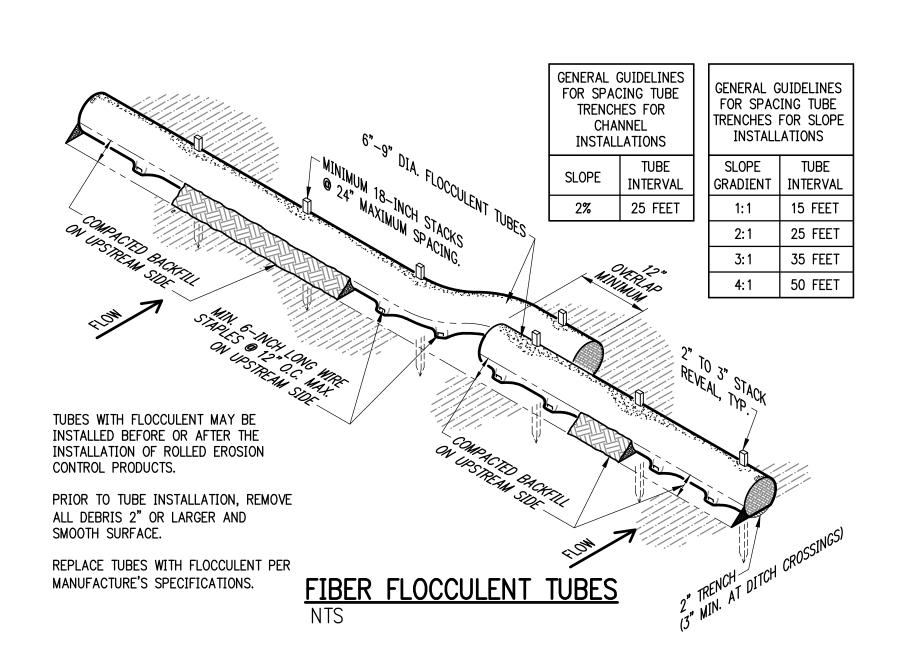


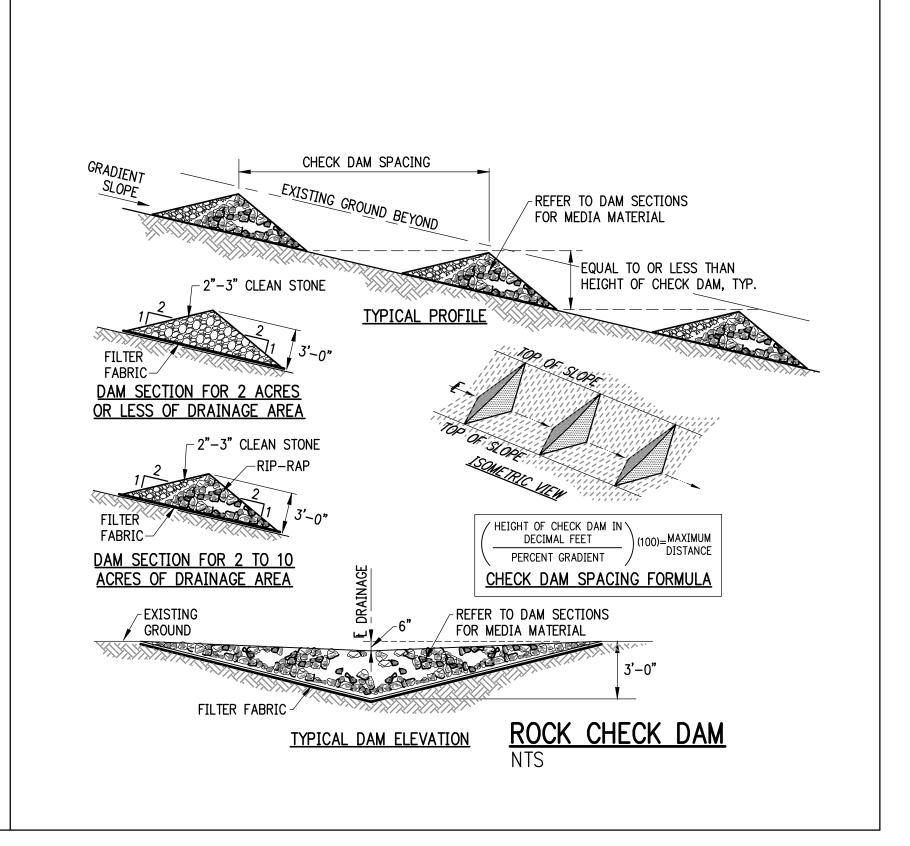


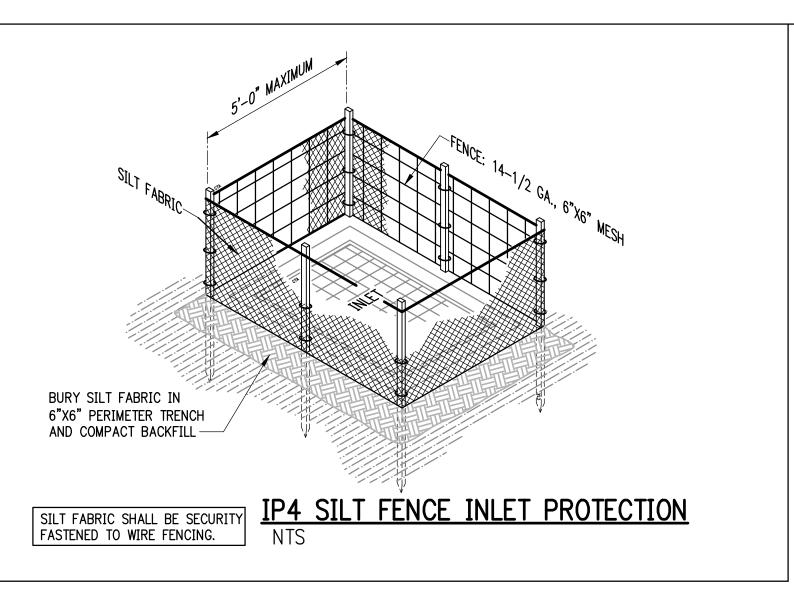










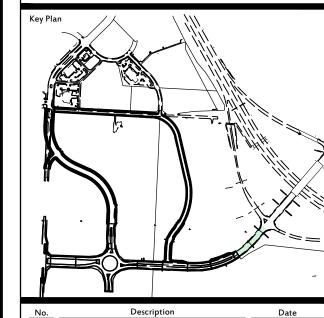


WALMART AMP EXPANSION
ROGERS, ARKANSAS

901 N. 47th St., Suite 200 Rogers, Arkansas 72756

479.636.4838 t 479.631.6224 f www.craftontull.com

CRAFTON, TULL & ASSOCIATES, INC.



	Description
-	
-	

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 15109800

ISSUE DATE: 01/22/2016

CONTACT: M. CRAFTON

PRELIMINARY
PLANS

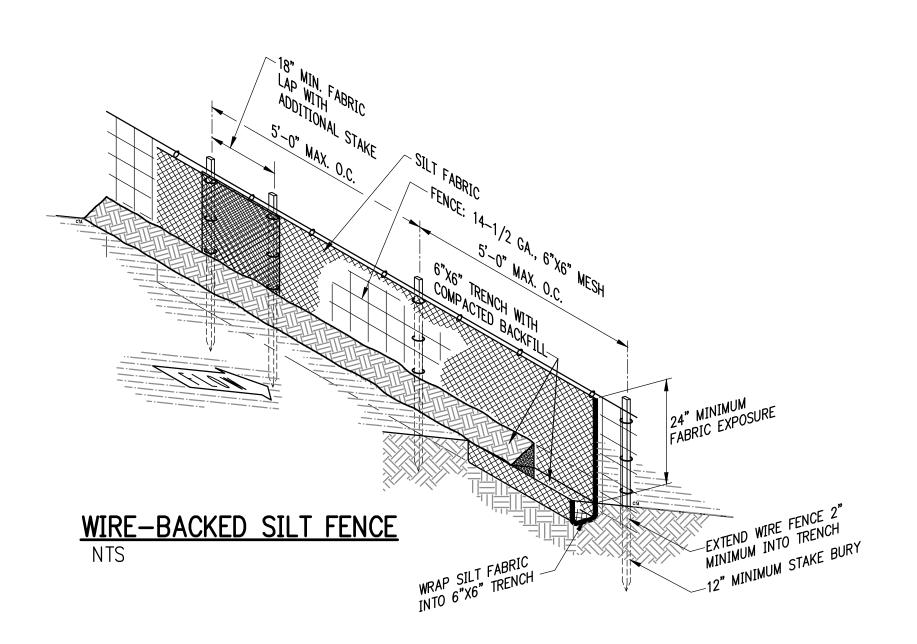
Tull & Associates, Inc.

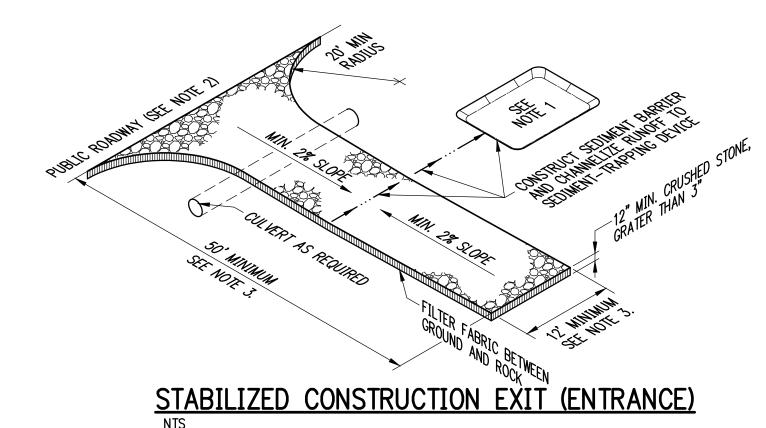
DOCUMENT IS

PRELIMINARY IN NATURE AND IS NOT

A FINAL, SIGNED AND SEALED

EROSION CONTROL DETAILS SHT 1





1. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE.

2. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

3. LENGTH AND WIDTH TO SUIT SITE, CONSTRUCTION TRAFFIC AND EFFECTIVENESS.

<u>PHASE I</u>

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.

2. PREPARE TEMPORARY PARKING AND STORAGE AREAS. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

3. CONSTRUCT THE SILT FENCES ON THE SITE.

CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
 HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE—CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND—DISTRURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

6. CLEAR AND GRUB THE SITE.
7. START CONSTRUCTION OF THE

7. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.

8. BEGIN GRADING THE SITE.

<u>PHASE II</u>

- I. TEMPORARILY SEED DENUDED AREAS.
- 2. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- 3. INSTALL SCOUR STOP AROUND OUTFALL STRUCTURES.4. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
- 5. PREPARE SITE FOR PAVING.
- 6. PAVE SITE.
- INSTALL INLET PROTECTION DEVICES.
- COMPLETE GRADING AND INSTALL SOLID SOD AND PLANTING.
 REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IF SITE IS STABILIZED.

GENERAL EROSION NOTES:

A. THE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF THIS DRAWING (SITE MAP), THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE SPECIFICATIONS SECTION 312800 (EROSION AND SEDIMENTATION CONTROL), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE STATE OF ARKANSAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

D. BEST MANAGEMENT PRACTICES (BMP) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AND APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.

E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.

G. GENERAL CONTRACTOR SHALL DENOTE THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA. AND AREA FOR PORTABLE FACILITIES. OFFICE TRAILERS AND TOILET FACILITIES.

H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.)
SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

I. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATATION BOOMS

SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

J. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER

PETROLEUM-BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

K. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF—SITE.

L. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN AND SWPPP SHALL BE INITIATED AS SOON AS POSSIBLE.

M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARY SEEDED.

N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.

O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF—SITE.

P. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

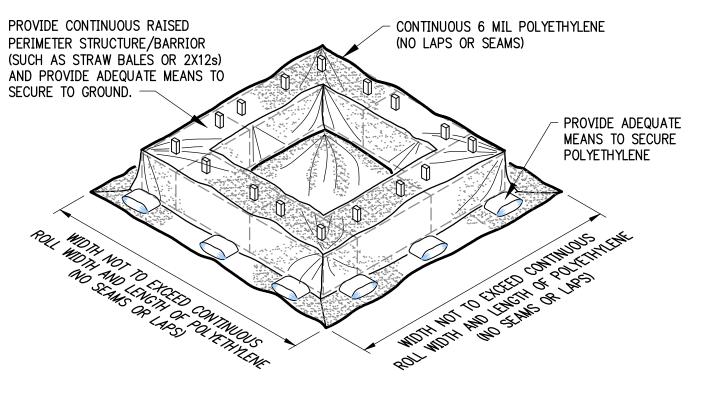
Q. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

R. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH THE GENERAL PERMIT.

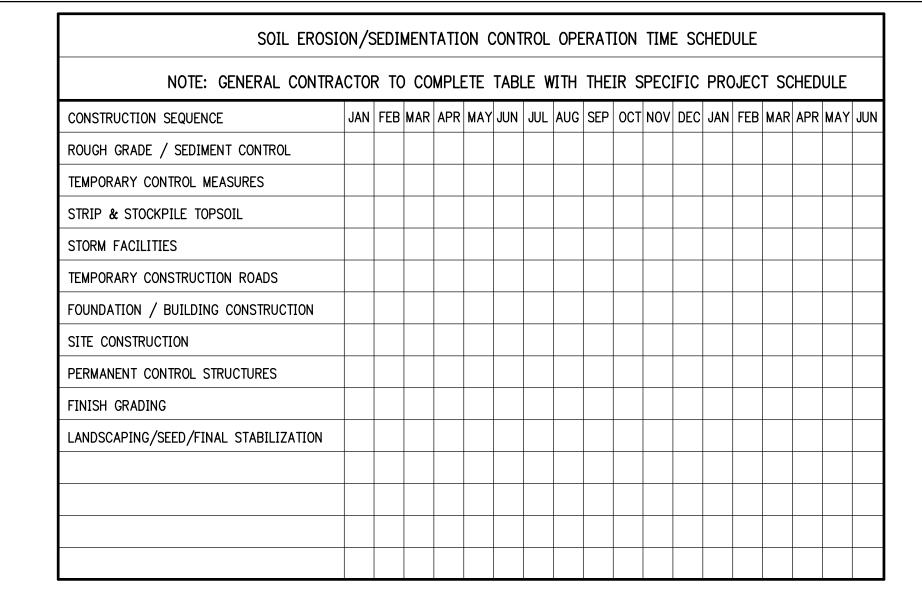
S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.

U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY.
THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT
OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.



CONCRETE WASH-OUT BASIN



ACREAGE	SUMMARY
IMPERVIOUS AREA	0.48 ACRES
SEEDED AREA	0.63 ACRES
TOTAL DISTURBED	0.92 ACRES

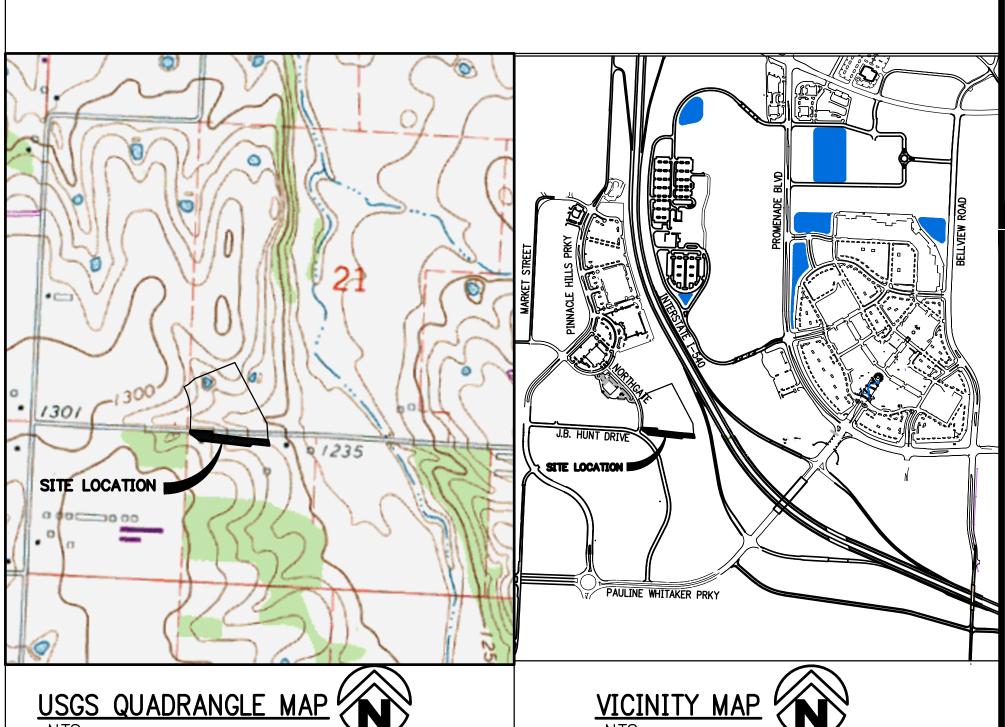
DEVELOPER/OWNER:

WALTON ARTS CENTER

495 W DICKSION STREET
FAYETTEVILLE, AR 72701
(479) 443-5600

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:



901 N. 47th St., Suite 200
Rogers, Arkansas 72756

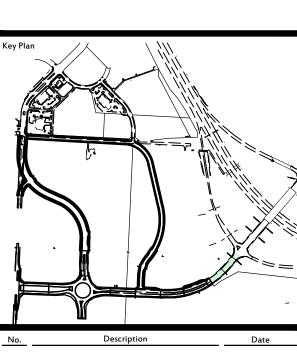
Crafton Tull
architecture | engineering | surveying

479.636.4838 t 479.631.6224 f
www.craftontull.com

CERTIFICATE OF AUTHORIZA

CRAFTON, TULL & ASSOCIATES, INC. No. 109

WALMART AMP EXPANSION
ROGERS, ARKANSAS



This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

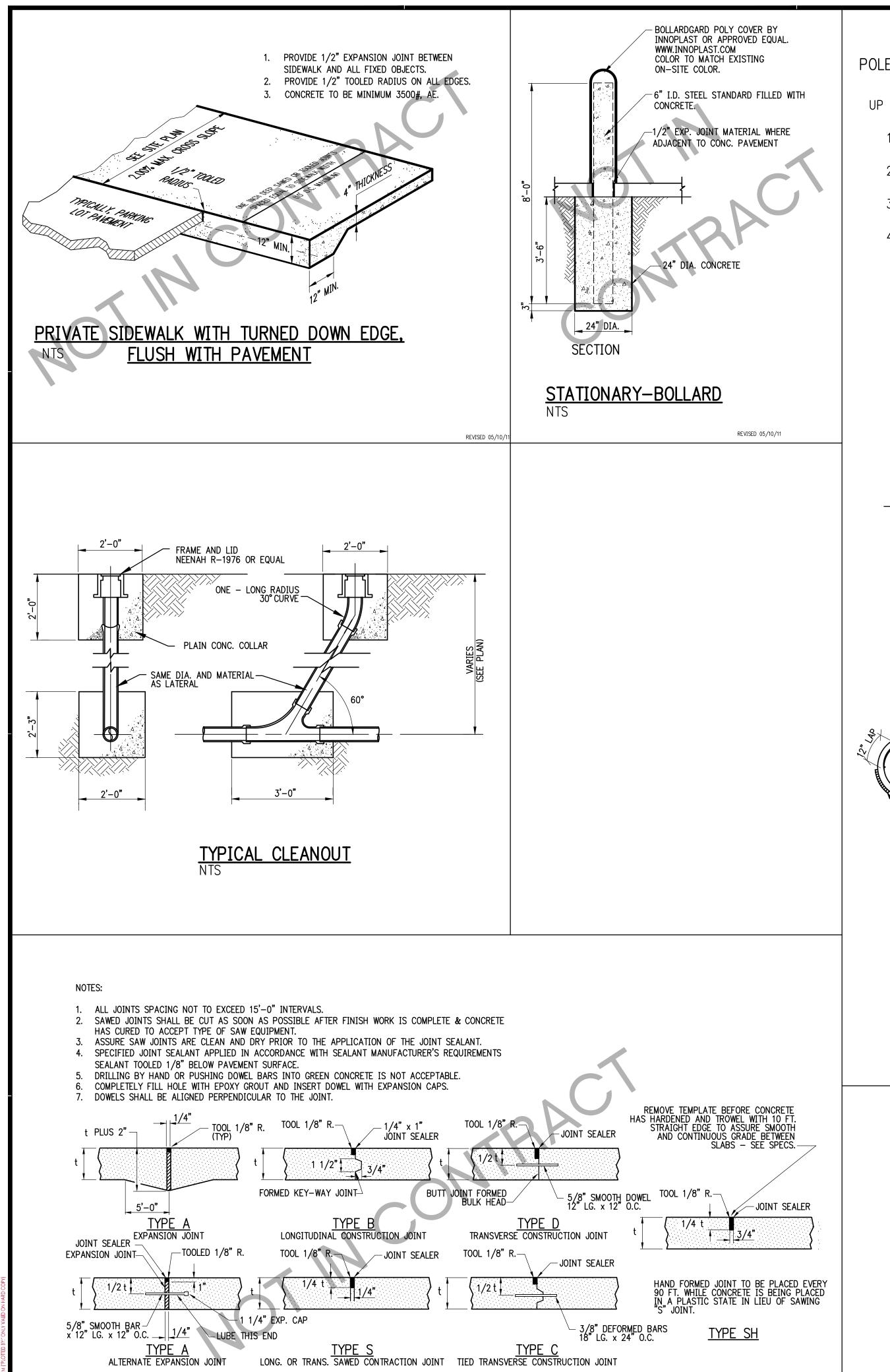
PROJECT NO: 15109800
ISSUE DATE: 01/22/2016
CONTACT: M. CRAFTON

PRELIMINARY PLANS

PRELIMINARY IN
NATURE AND IS NOT
A FINAL, SIGNED
AND SEALED
DOCUMENT

DOCUMENT IS

EROSION CONTROL DETAILS SHT 2

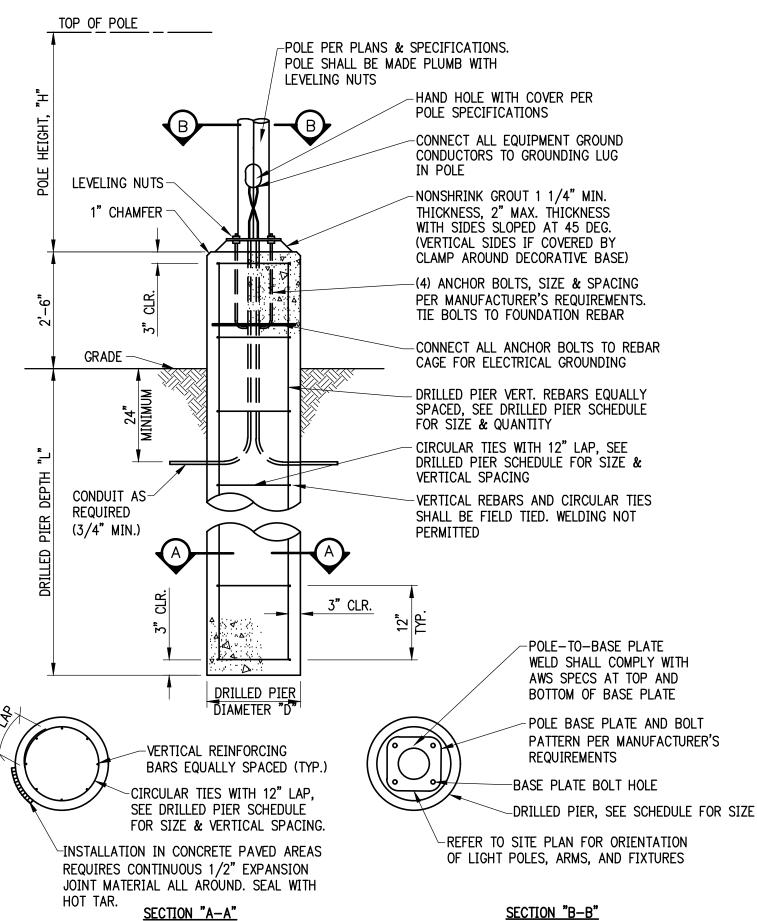


t = SPECIFIED PAVEMENT THICKNESS

CONCRETE JOINTING

DRILLED PIER SCHEDULE

POLE HEIGHT "H"	DRILLED PIER DIAMETER "D"	DRILLED PIER DEPTH "L"	DRILLED PIER VERT. REBAR	CIRCULAR TIES
UP TO 9'-0"	18"	2'-8"	(6)-#5	#3 @ 12" OC VERT
12'-0"	18"	3'-0"	(6)-#5	#3 @ 12" OC VERT
20'-0"	24"	8'-0"	(8)-#5	#3 @ 12" OC VERT
30'-0"	24"	8'-3"	(8)-#5	#3 @ 12" OC VERT
40'-0"	30"	9'-0"	(8)-#7	#3 @ 12" OC VERT



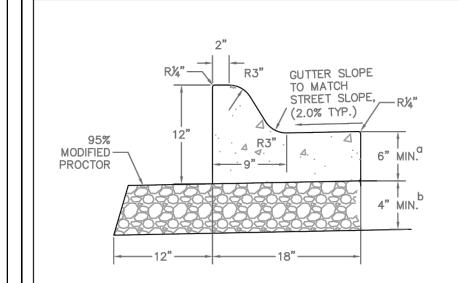
- 1. 3500 PSI MIN. 28 DAY COMPRESSIVE STRENGTH CONC. WITH GRADE 60 RE-BARS.
- 2. EXPOSED CONCRETE AND GROUT SHALL BE PAINTED TRAFFIC YELLOW BY THE PAVEMENT STRIPING CONTRACTOR.
- 3. FOUNDATION EXCAVATION SHALL BE BY AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL PER SPECIFICATIONS. SIZE OF AUGER SHALL MATCH DIAMETER OF PIER.
- 4. IF GROUNDWATER IS PRESENT IN AUGER HOLE, REMOVE BEFORE POURING CONCRETE. DESIGN CRITERIA: - IN PLACE SOIL IS ASSUMED TO BE CLASS 5 OF IBC 2006, TABLE 1804.2 WITH INCREASED ALLOWABLE LATERAL BEARING OF 200 PSF/FT PER SECTION 1804.3.1.
- BASIC WIND SPEED (3 SECOND GUST) = 90 MPH EXPOSURE CATEGORY C

- IMPORTANCE FACTOR = 1.0

ROUND LIGHT FOUNDATION — ELEVATED

FOR INFORMATION ONLY

REVISED 10/18/12



STANDARD CURB AND GUTTER

CONCRETE SHALL BE CLASS B, 3500 PSI, 4-7% AIR ENTRAINED. CONCRETE MAY NOT BE POURED IF A FALLING AIR TEMPERATURE FALLS BELOW 40° F NOR RESUMED UNTIL AN ASCENDING AIR TEMPERATURE RISES ABOVE 35° F WITHOUT SPECIFIC AUTHORITY FROM THE CITY REPRESENTATIVE. ALL CONCRETE MATERIALS, HANDLING, PLACING, JOINTING, SAMPLING, FINISHING AND CURING SHALL BE PER CITY STANDARD SPECIFICATIONS.

CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT NTERVALS WITH EXPANSION JOINTS AT 75 FOOT INTERVALS.

ALL CONTRACTION JOINTS SHALL BE SEALED "TH SONN." SONOLASTIC SL 1™ (OR APPROVED EQL) AC ORDING TO MANUFACTURER'S INSTRUCTIONS PRIO. 1 PILL ASPHALT

EXPANSION JOINT MATER' A HALL BE RE UIRED AT ALL STATIONARY STRUCTURES OR S DIRECTED BY ENGINEER. THE EXPANSION MATER' A STATIONARY STRUCTURES OR S DIRECTED BY ENGINEER. THE EXPANSION MATER' A STATIONARY OF BE LEFT LOW, R R TRIMM D TO BE 1/2" BELOW THE TOP OF

EXPANSIO JOILT MATERIAL SHALL BE FULL DEPTH OF THE CURB AND PERPENDICULAR TO THE CURB LINE.

6. ALL CURB AND GUTTER SHALL RECEIVE A BROOM FINISH.

7. CONTRACTOR SHALL PROVIDE THE CITY 24 HOURS NOTICE WHEN FORMS OR STRINGLINE ARE READY PRIOR TO CONCRETE

8. FOR CONCRETE STREETS, IF THE CURB AND GUTTER IS CAST SEPARATELY, 1/2" DOWEL RODS 30" LONG SHALL BE PROVIDED A MINIMUM OF EVERY 30" ON-CENTER.

CITY OF ROGERS

CITY OF ROGERS

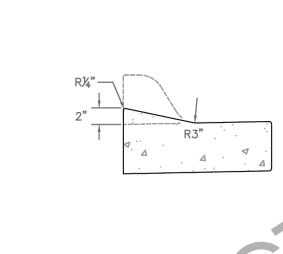
301 WEST CHESTNUT STREET ROGERS, ARKANSAS 72756

(479) 621-1186

301 WEST CHESTNUT STREET

ROGERS, ARKANSAS 72756

(479) 621-1186



MODIFIED (VRB AND SUTTER (PLACE: CRCSS . L. DRIVEWAYS)

M. JOLITH CALLY CAST WITH THE TREET, THICKNESS SHALL TATCH STREET PAVING

CURB AND GUTTER DETAIL

RING AND COVER DETAIL

FEBRUARY 15, 2012

IF PAVEMENT SECTION IS 10" THICK OR MORE, 4" OF CLASS 7 AGGREGATE SHALL EXTEND UNDER CURB AND 1 FOOT BEYOND. IF THE PAVEMENT SECTION IS LESS THAN 10" THICK, THE CURB AND GUTTER MAY BE PLACED ON SUBGRADE. SUBGRADE SHALL BE PROOF-ROLLED BY A LOADED TANDEM-AXLE DUMP TRUCK.

JUNE 23, 2015

WALMART AMP EXPANSION ROGERS, ARKANSAS

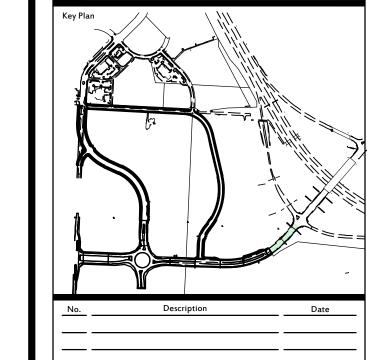
901 N. 47th St., Suite 200 Rogers, Arkansas 72756

479.636.4838 † 479.631.6224 f

CERTIFICATE OF AUTHORIZATION

www.craftontull.com

CRAFTON, TULL & ASSOCIATES, INC. No. 109



No.	Description	Date
		
$=$		
—		

his document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

PROJECT NO: 15109800 SSUE DATE: 01/22/2016 CONTACT: M. CRAFTON

PRELIMINARY IN NATURE AND IS NOT **PRELIMINARY** A FINAL, SIGNED PLANS

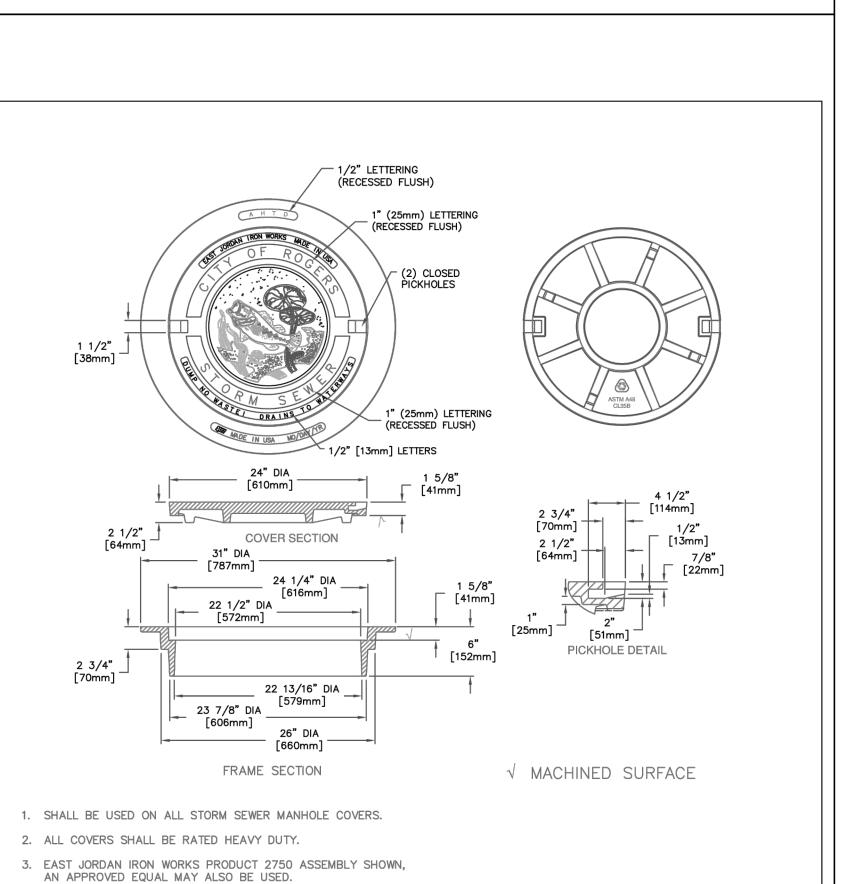
DOCUMENT © 2016 Crafton, Tull & Associates, Inc

DOCUMENT IS

AND SEALED

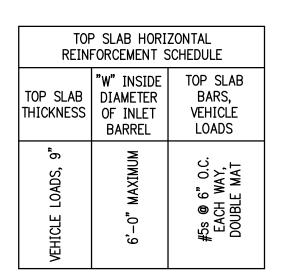
STANDARD DETAILS SHT 1

C-503



NOT TO SCALE

NOT TO SCALE



"W" INLET INSIDE DIAMETER SCHEDULE OF LARGEST MINIMUM PIPE INLET ENTERING DIAMETER INLET | 12" TO 27" | 4'-0" DIA. 30" TO 42" | 5'-0" DIA. | 48" TO 54" | 6'-0" DIA. PIPES ARE LIMITED TO 60 DEGREES. IF GREATER, USE NEXT LARGER-DIAMETER INLET BARREL.

APPROVED BY THE ENGINEER.

1. PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES UNLESS

2. BASE AND INLET WALLS TO BE POURED MONOLITHICALLY. 3. PIPES MAY ENTER BOX FROM ANY ANGLE OR ELEVATION

4. ALL #4 & #5 REINFORCING BARS TO BE GRADE 60 AND

HAVE 1-1/2" MINIMUM COVER. >#5, 2" COVER.

5. PROVIDE DOUBLE MAT FOR SQUARE-TOP SLAB.

6. TOP SLAB, CLASS B, 3500#, 4%-7% A.E.

ADJACENT TO SIDEWALKS OR OTHER CONCRETE SURFACES.

NOTES:

#4 BENT BAR **@** 12" O.C. "W" DIAMETER

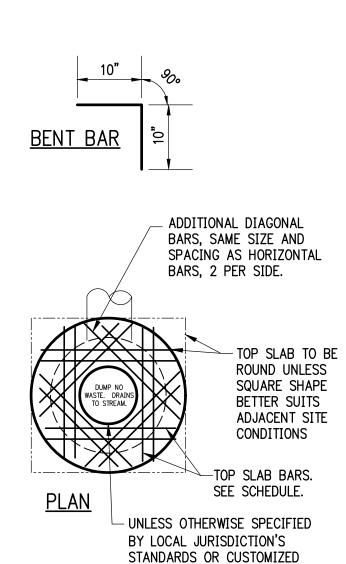
TYPICAL TRAFFIC-RATED CIRCULAR-BARREL JUNCTION BOX

SEE "D" TOP SLAB

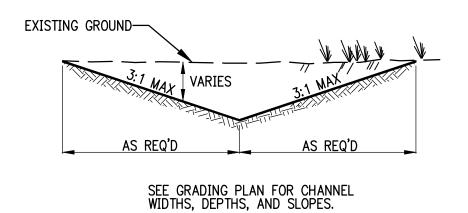
SEE TOP SLAB

HORIZONTAL BAR

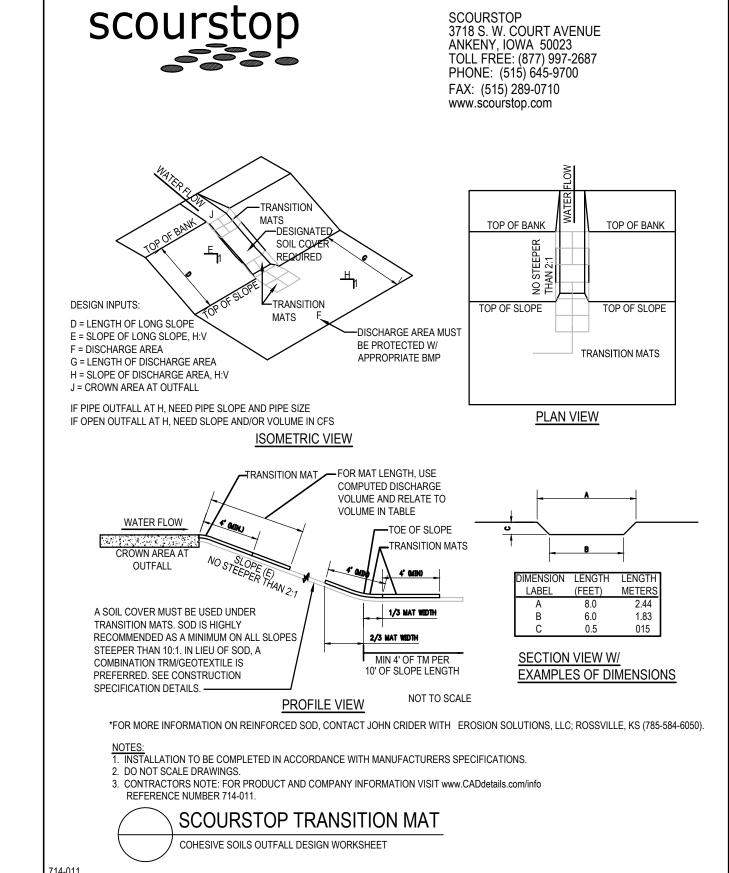
SCHEDULE



REQUIREMENTS, LID AND RING SHALL BE HEAVY DUTY EAST JORDAN #1606 OR APPROVED



SOD LINED CHANNEL



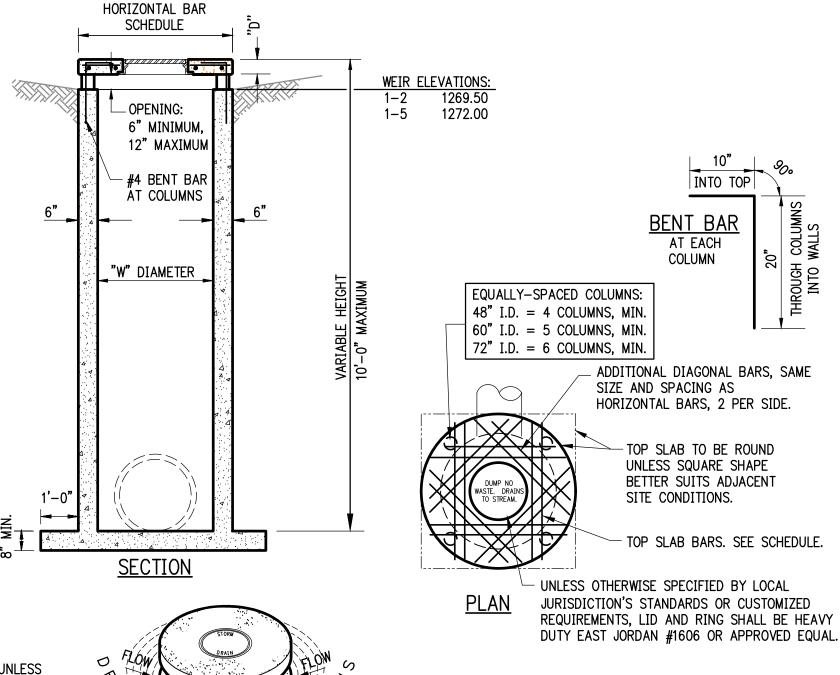
PROTECTED BY COPYRIGHT - 01/09/06 www.CADdetails.com

"D" TOP SLAB HORIZONTAL REINFORCEMENT SCHEDULE "W" INSIDE "D" TOP "D" TOP DIAMETER SLAB SLAB BARS, OF INLET BARREL THICKNESS | NON-VEHICLE #4s @ 8" O.C. 4**'**-0" EACH WAY SEE NOTE 5 #4s @ 7" O.C 5**'**-0" EACH WAY SEE NOTE 5 #5s @ 6" O.C EACH WAY

"W" INLET INSIDE DIAMETER SCHEDULE DIAMETER OF LARGES MINIMUM PIPE INLET **ENTERING** DIAMETER INLET 12" TO 27" | 4'-0" DIA. 30" TO 42" | 5'-0" DIA. 48" TO 54" | 6'-0" DIA. |PIPES ARE LIMITED TO 60| DEGREES. IF GREATER, USE NEXT ARGER-DIAMETER INLET

- SEE NOTE 5 BARREL.
- 1. PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES UNLESS ADJACENT TO SIDEWALKS OR OTHER CONCRETE SURFACES. BASE AND INLET WALLS TO BE POURED MONOLITHICALLY. 3. PIPES MAY ENTER BOX FROM ANY ANGLE OR ELEVATION
- 4. ALL #4 & #5 REINFORCING BARS TO BE GRADE 60 AND HAVE 1-1/2" MINIMUM COVER. >#5, 2" COVER.

5. TOP SLAB, CLASS B, 3500#, 4%-7% A.E



NON-TRAFFIC CIRCULAR-BARREL AREA INLET

NON-TRAFFIC ONLY APPROVED BY THE ENGINEER.

1. UNDER PAVEMENT, BACKFILL ENTIRE EXCAVATION WITH AGGREGATE BASE MATERIAL COMPACTED IN 8" LIFTS TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.

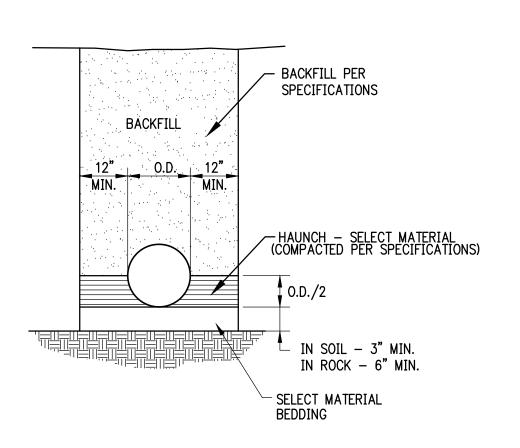
CONSTRUCTION SEQUENCE

PLACE SELECT BEDDING MATERIAL TO GRADE. COMPACT SELECT BEDDING BELOW THE PIPE.

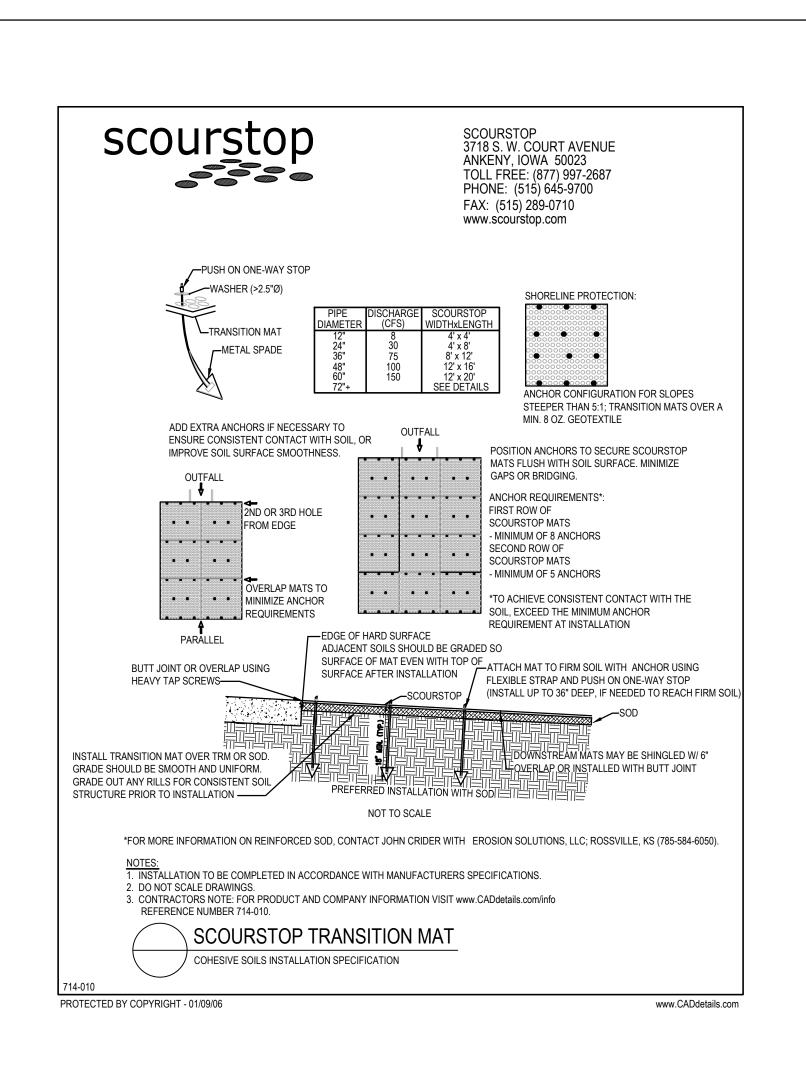
INSTALL PIPE TO GRADE.

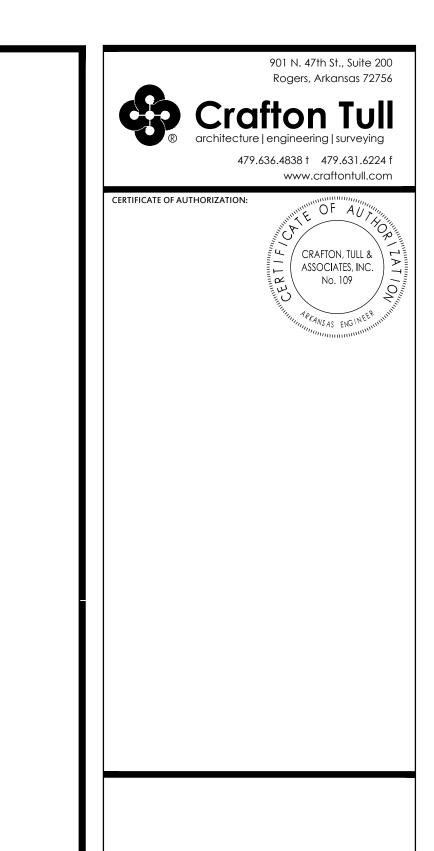
PLACE AND COMPACT THE HAUNCH AREA UP TO THE MIDDLE OF THE PIPE.

5. COMPLETE BACKFILL ACCORDING TO SPECIFICATIONS.

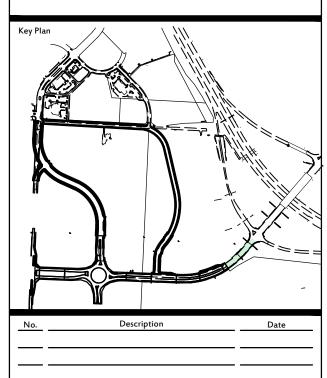


CONCRETE PIPE INSTALLATION





WALMART AMP EXPANSION ROGERS, ARKANSAS



No.	Description	Date

his document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to be used, in whole or in part, for any other project, without the written authorization of Crafton, Tull & Associates, Inc.

SSUE DATE: 01/22/2016 CONTACT: M. CRAFTON CHECKED BY: **PRELIMINARY PLANS**

DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT © 2016 Crafton, Tull & Associates, Inc

STANDARD DETAILS SHT 2

